

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

	Hex(8C2A46)	Hex(8C3850)	Hex(8C465A)	Hex(8C5464)	Hex(8C626E)	Hex(8C7078)	Hex(8C7E82)	Hex(8C8C8C)	Hex(8C9A96)	Hex(8CA8A0)
Hex(8C2A46)		Ratio: 1.10 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 3.24 AA 18pt ²
Hex(8C3850)	Ratio: 1.10 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 2.94 Failed ⁵
Hex(8C465A)	Ratio: 1.24 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.62 Failed ⁵
Hex(8C5464)	Ratio: 1.41 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.31 Failed ⁵
Hex(8C626E)	Ratio: 1.61 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(8C7078)	Ratio: 1.86 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(8C7E82)	Ratio: 2.14 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(8C8C8C)	Ratio: 2.46 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.32 Failed ⁵
Hex(8C9A96)	Ratio: 2.83 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵
Hex(8CA8A0)	Ratio: 3.24 AA 18pt ²	Ratio: 2.94 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.15 Failed ⁵	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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